



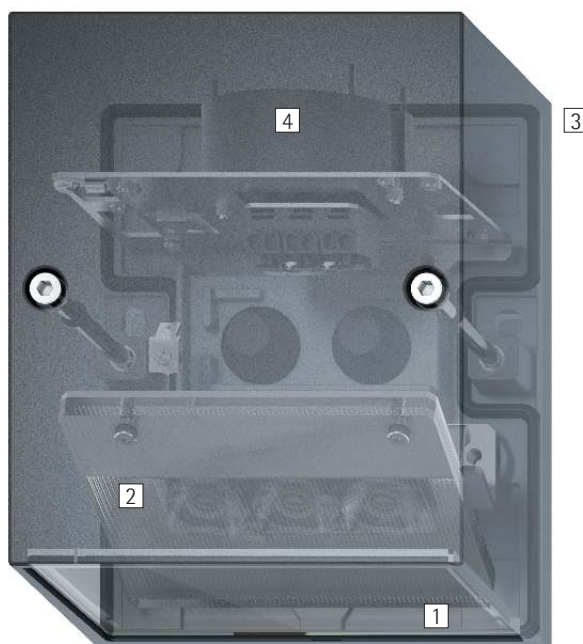
## Kubus – Light from the box

### **Façade lighting and floor wash-lighting for outdoor and indoor areas with a single system design**

During the day, Kubus is all but an inconspicuous structure on the wall – at night, however, the luminaire excels with exquisite light. Kubus is flexible. Using appropriate accessories, the luminaire can be mounted in or on the wall. Underlined with grazing light, wall surfaces are given a new dimension.

Used along traffic routes, Kubus provides optimum visual comfort and reliable orientation for

passers-by. In perfect understatement, Kubus combines highly efficient and maintenance-free optoelectronics with a very discreet appearance. Kubus floor wash-lights are also available as bollard luminaires.



## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 Light emission of floor washlight (below)

- Softec lens as protective glass or non-reflective protective glass
- Wide distribution: sculpture lens or Spherolit lens
- Deep distribution: prismatic lens or Spherolit lens

or

### Light emission of facade luminaire (above)

- Softec lens as protective glass or non-reflective protective glass
- Spherolit lens spot or sculpture lens

### 2 ERCO LED-module

- High-power LED: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

### 3 Housing and wall plate

- Graphit m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt

### 4 Control gear

- Switchable

### Protection mode IP65

Dust-tight and water jet-proof

### Variants on request

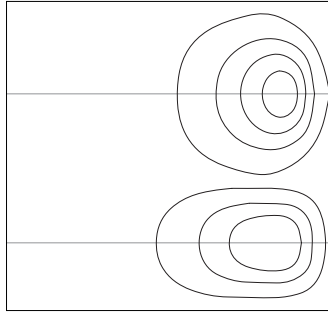
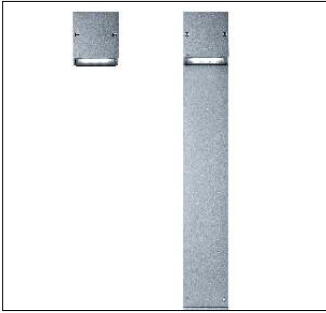
- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
- Housing: 10,000 further colours

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/kubus-f](http://www.erco.com/kubus-f)

# Kubus Façade luminaires



## Various construction sizes

The luminaires in the ERCO product range cover a wide variety of lumen categories and therefore offer an appropriate solution for a large number of lighting tasks.

## Wide or deep beam distribution

The wide or deep beam distribution Spherolit lenses allow the light distribution to be matched to the lighting task at hand.

### Special characteristics



Different light distributions: wide or deep



Various construction sizes



ERCO high-power LEDs



Efficient Spherolit technology



Different light colours



Excellent thermal management



EMC-optimised



Protection mode IP65



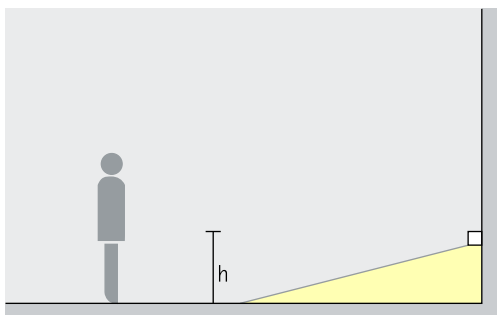
Accessory for mounting variants



Switchable

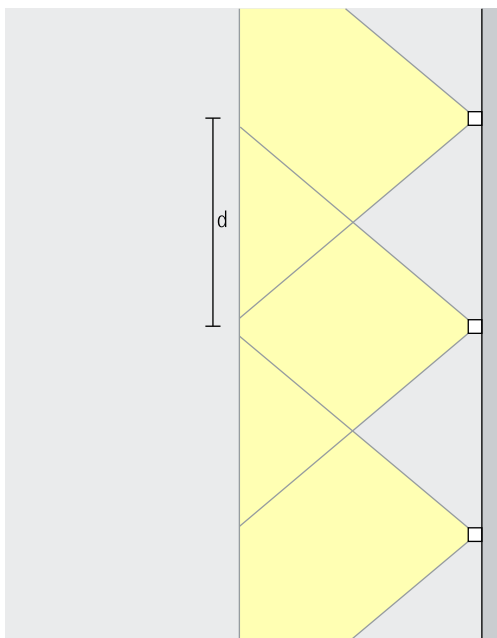
# Kubus Façade luminaires – Luminaire arrangement

**Floor washlights**  
Wide beam, Deep beam



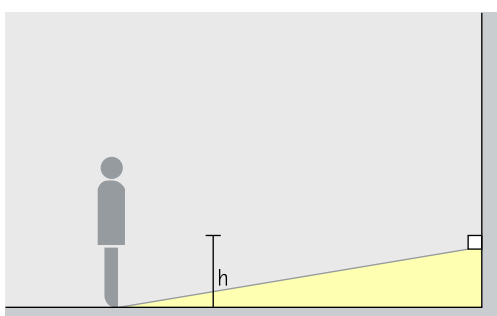
**Washlighting**  
Kubus floor washlights with a wide beam light distribution provide subtle light for a glare-free and uniform illumination of pathways near façades. The recommended mounting height (h) for floor washlights is 0.8m above the ground.

Arrangement:  $h = 0.8\text{m}$



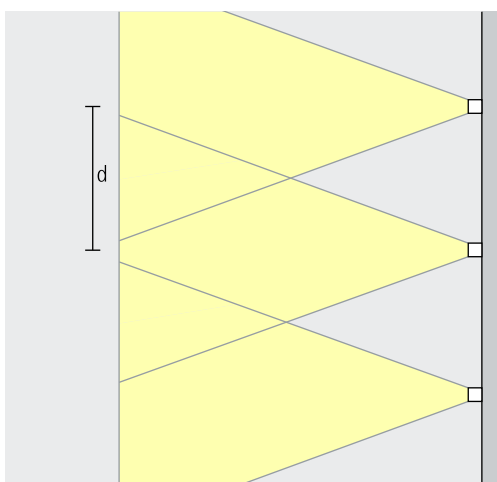
For uniform washlighting of the ground, the luminaire spacing (d) may be up to 2 times the mounting height (h). The luminaire spacing for visual guidance may be up to 10 times the mounting height.

Arrangement:  $d \leq 2 \times h$



Kubus floor washlights with a deep beam light distribution provide subtle light for a glare-free and uniform illumination of open areas near façades. The recommended mounting height (h) for floor washlights is 0.8m above the ground.

Arrangement:  $h = 0.8\text{m}$

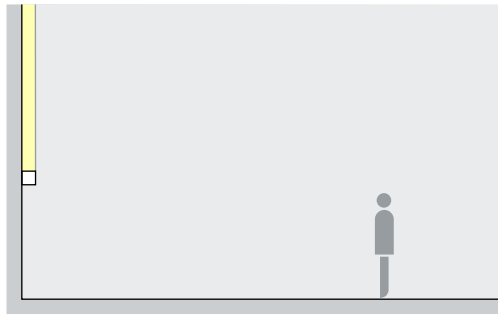


For uniform washlighting of the ground, the luminaire spacing (d) may be up to 2 times the mounting height (h). The luminaire spacing for visual guidance may be up to 10 times the mounting height.

Arrangement:  $d \leq 2 \times h$

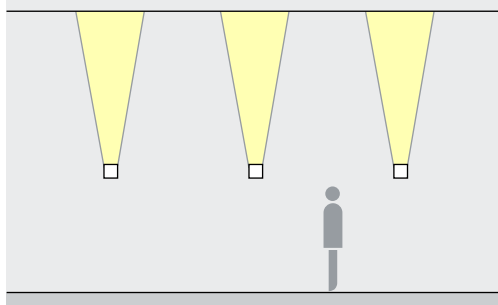
## Kubus Façade luminaires – Luminaire arrangement

Façade luminaires  
Spot, Oval flood



### Accentuation

Kubus façade luminaires with upward and downward beam emission structure large façades, whilst emphasising the three-dimensionality of materials with grazing light. To avoid glare, luminaires with an upward light emission are best mounted above eye-level of the observer.



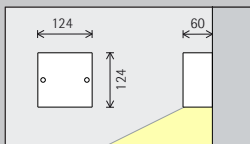
The luminaire spacing for accentuation depends on the grid pattern of the architecture.

Museum im Palais,  
Graz. Architect:  
Riegler Riewe  
Architekten, Graz.  
Lighting design:  
Gerald P. Marko,  
Graz.

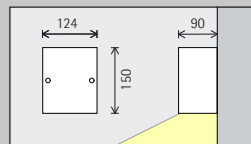


# Kubus Façade luminaires

Construction size 124mm



150mm



LED module  
Maximum value  
at 4000K CRI 82

3W/450lm

6W/825lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light distribution

Floor washlights	
	Wide beam
	Deep beam

Floor washlights	
	Wide beam
	Deep beam

Control

Switchable

Switchable

Colour (housing)

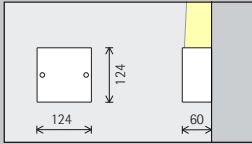
Graphit m  
 10,000 colours \*\*

Graphit m  
 10,000 colours \*\*

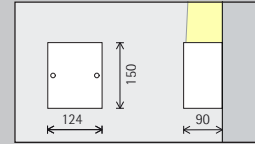
Accessories

	Distribution box		Mounting enclosure
	Concrete mounting enclosure		Mounting case

Construction size 124mm



Construction size 150mm



LED module  
Maximum value  
at 4000K CRI 82

3W/450lm

6W/825lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light distribution

Façade luminaires	
	Spot
	Oval flood

Façade luminaires	
	Spot
	Oval flood

Control

	Switchable
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	Switchable
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Colour (housing)

	Graphit m
	10,000 colours **

	Graphit m
	10,000 colours **

\* available on request

Article numbers and planning data:  
[www.erco.com/012852](http://www.erco.com/012852)

Design and application:  
[www.erco.com/kubus-f](http://www.erco.com/kubus-f)



